

EM211

Weight indicator and controller (Weigh checking solution)

The EM211 is developed for weighing-check applications based on the standard EM211. It is with full touch screen display; The standard RS485 serial port is conducive to connecting HM. It is suitable for rapid detection and high-speed classifying and classifying controlling. It is widely used in chemical, logistics, pharmacy, food, printing, electronics and other industries.



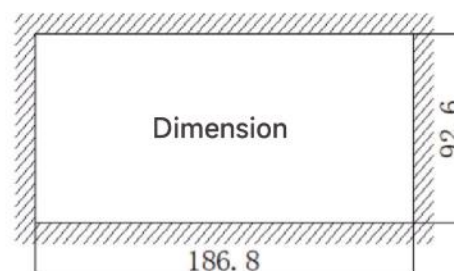
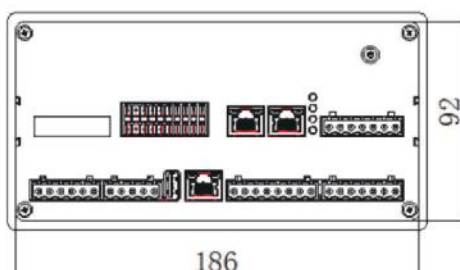
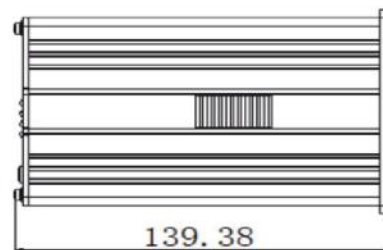
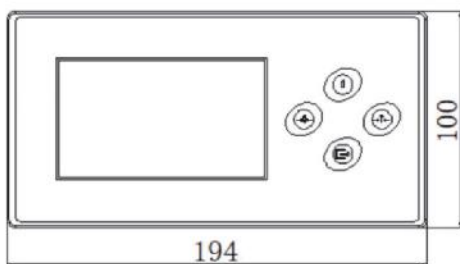
Key features

- Real-time feedback of photoelectric switching states, object weighing states and so on
- Provide two working modes of checking and classifying.
- The belt speed can be automatically adjusted by inputting the measured object to detect the speed
- Intelligent logic identification, effectively judge the abnormal state in the process of inspection, alarm and recovery.



Dimensions

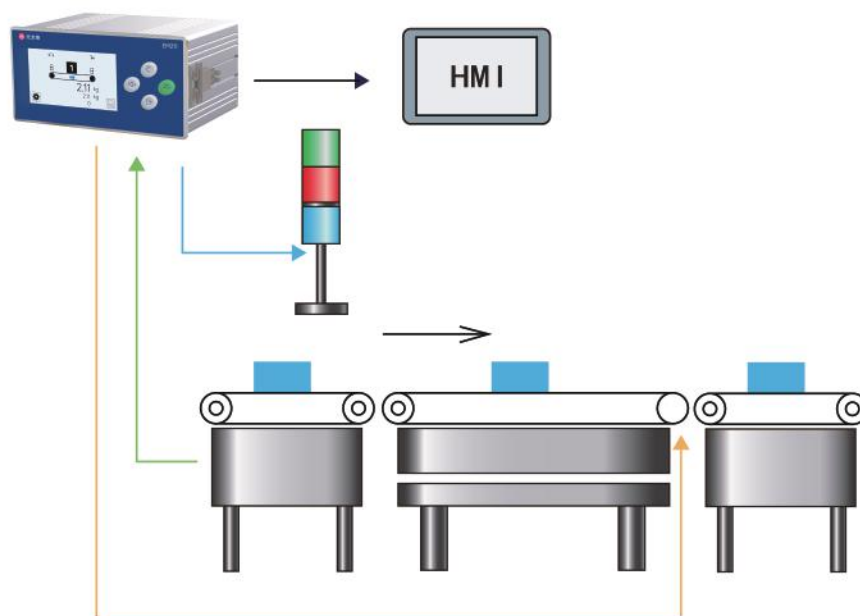
Unit: mm



Specifications

Product model	EM211
AC Power	100~240VAC
Operating temperature	-20 ~ +60
Display screen	4.3 "TFT full color screen
Number of verification scale intervals (e)	6000
Number of scale intervals for indicator (d)	100000
Number of load cell	Up to 6 350 Ohm load cells (2 or 3mV/V)
A/D sampling rate	1000Hz
Load cell Excitation	5VDC
Minimum sensitivity	0.5 μ V/e
Accuracy class	III
KeyPad	4 key control
Communication protocol	Command output, continuous output, Modbus RTU, Modbus TCP
Calibration method	Weight calibration; Weight-free calibration; Remote calibration
Photoelectric mode	A variety of photoelectric switcher, mounting modes are available (front and rear single photoelectric or dual photoelectric) to suit different applications
State feedback	Assing in and out and other states are with real-time feedback, weighing states are visible and clear
Adaptive filter	The adaptive low-pass filter can effectively suppress vibration and noise, and get higher speed and accuracy of weight detection
Intelligent logic	Intelligent logic identification, can effectively judge the abnormal state in the process of inspection, alarm and recovery
Ethernet	1-way LAN
Analog ※	1 channel 4-20mA or 0-10 V
DIO interface expansion board ※	8 inputs (optocoupler isolation) /8 outputs (relays, transistors)
Communication expansion interface board ※	PROFINET、EtherNet/IP、Profibus-DP、CC-Link

Note: the list marked with ※ is optional, select separately.

Application scenario


Automated check-weighing classification control